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RAW SEQUENCE LISTING DATE: 01/04/2001
 PATENT APPLICATION: US/09/736,076 TIME: 08:57:12

Input Set : A:\12421015-009.txt
 Output Set: N:\CRF3\01042001\I736076.raw

ENTERED

4 <110> APPLICANT: Ben-Sasson Shmuel A.
 6 <120> TITLE OF INVENTION: SHORT PEPTIDES WHICH SELECTIVELY
 7 MODULATE THE ACTIVITY OF SERINE/THREONINE KINASES
 10 <130> FILE REFERENCE: 1212.1015-009
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/736,076
 C--> 12 <141> CURRENT FILING DATE: 2000-12-13
 12 <150> PRIOR APPLICATION NUMBER: US 08/861,338
 13 <151> PRIOR FILING DATE: 1997-05-21
 15 <160> NUMBER OF SEQ ID NOS: 68
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 20
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Unknown
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: RAF
 27 <400> SEQUENCE: 1
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 29 1 5 10 15
 30 Asp Gln Ile Ile
 31 20
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 20
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Unknown
 39 <220> FEATURE:
 40 <223> OTHER INFORMATION: CAPE
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 43 Tyr Glu Met Ala Ala Gly Tyr Pro Pro Phe Phe Ala Asp Gln Pro Ile
 44 1 5 10 15
 45 Gln Ile Tyr Glu
 46 20
 49 <210> SEQ ID NO: 3
 50 <211> LENGTH: 20
 51 <212> TYPE: PRT
 52 <213> ORGANISM: Unknown
 54 <220> FEATURE:
 55 <223> OTHER INFORMATION: PKC
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 59 1 5 10 15
 60 Glu Leu Phe Gln
 61 20
 64 <210> SEQ ID NO: 4
 65 <211> LENGTH: 20
 66 <212> TYPE: PRT
 67 <213> ORGANISM: Unknown

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69 <220> FEATURE:
70 <223> OTHER INFORMATION: DARK1.2
72 <400> SEQUENCE: 4
73 Phe Lys Leu Ile Arg Gly His Ser Pro Phe Arg Gln His Lys Thr Lys
74 1 5 10 15
75 Asp Lys His Glu
76 20
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80 <211> LENGTH: 20
81 <212> TYPE: PRT
82 <213> ORGANISM: Unknown
84 <220> FEATURE:
85 <223> OTHER INFORMATION: CamK
87 <400> SEQUENCE: 5
88 Tyr Ile Leu Leu Val Gly Tyr Pro Pro Phe Trp Asp Glu Asp Gln His
89 1 5 10 15
90 Arg Leu Tyr Gln
91 20
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 20
96 <212> TYPE: PRT
97 <213> ORGANISM: Unknown
99 <220> FEATURE:
100 <223> OTHER INFORMATION: POLD
102 <400> SEQUENCE: 6
103 Tyr Thr Leu Leu Val Gly Lys Pro Pro Phe Glu Thr Ser Cys Leu Lys
104 1 5 10 15
105 Glu Thr Tyr Leu
106 20
109 <210> SEQ ID NO: 7
110 <211> LENGTH: 20
111 <212> TYPE: PRT
112 <213> ORGANISM: Unknown
114 <220> FEATURE:
115 <223> OTHER INFORMATION: AKL/PKB
117 <400> SEQUENCE: 7
118 Tyr Glu Met Met Cys Gly Arg Leu Pro Phe Tyr Asn Gln Asp His Glu
119 1 5 10 15
120 Arg Leu Phe Glu
121 20
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125 <211> LENGTH: 20
126 <212> TYPE: PRT
127 <213> ORGANISM: Unknown
129 <220> FEATURE:
130 <223> OTHER INFORMATION: GRK1
132 <400> SEQUENCE: 8
133 Tyr Glu Met Ile Ala Ala Arg Gly Pro Phe Arg Ala Arg Gly Glu Lys
134 1 5 10 15

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135 Val Glu Asn Lys
 136 20
 139 <210> SEQ ID NO: 9
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 142 <213> ORGANISM: Unknown
 144 <220> FEATURE:
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 147 <400> SEQUENCE: 9
 148 Tyr Glu Met Ile Gln Gly His Ser Pro Phe Lys Lys Tyr Lys Glu Lys
 149 1 5 10 15
 150 Val Lys Trp Glu
 151 20
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 155 <211> LENGTH: 20
 156 <212> TYPE: PRT
 157 <213> ORGANISM: Unknown
 159 <220> FEATURE:
 160 <223> OTHER INFORMATION: GRK5
 162 <400> SEQUENCE: 10
 163 Tyr Glu Met Ile Gln Gly Gln Ser Pro Phe Arg Gly Arg Lys Glu Lys
 164 1 5 10 15
 165 Val Lys Arg Glu
 166 20
 169 <210> SEQ ID NO: 11
 170 <211> LENGTH: 20
 171 <212> TYPE: PRT
 172 <213> ORGANISM: Unknown
 174 <220> FEATURE:
 175 <223> OTHER INFORMATION: GRK6
 177 <400> SEQUENCE: 11
 178 Tyr Glu Met Ile Ala Gly Gln Ser Pro Phe Gln Gln Arg Lys Lys Lys
 179 1 5 10 15
 180 Ile Lys Arg Glu
 181 20
 184 <210> SEQ ID NO: 12
 185 <211> LENGTH: 20
 186 <212> TYPE: PRT
 187 <213> ORGANISM: Unknown
 189 <220> FEATURE:
 190 <223> OTHER INFORMATION: GSK3
 192 <400> SEQUENCE: 12
 193 Ala Glu Leu Leu Leu Gly Gln Pro Ile Phe Pro Gly Asp Ser Gly Val
 194 1 5 10 15
 195 Asp Gln Leu Val
 196 20
 199 <210> SEQ ID NO: 13
 200 <211> LENGTH: 8
 201 <212> TYPE: PRT

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Input Set : A:\12421015-009.txt
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202 <213> ORGANISM: Artificial Sequence
 204 <220> FEATURE:
 205 <221> NAME/KEY: ACETYLTATION
 206 <222> LOCATION: (1)...(0)
 208 <221> NAME/KEY: AMIDATION
 209 <222> LOCATION: (0)...(8)
 211 <223> OTHER INFORMATION: HJ38
 213 <400> SEQUENCE: 13
 214 Val Met Thr Gly Glu Leu Pro Phe
 215 1 5
 218 <210> SEQ ID NO: 14
 219 <211> LENGTH: 8
 220 <212> TYPE: PRT
 221 <213> ORGANISM: Artificial Sequence
 223 <220> FEATURE:
 224 <221> NAME/KEY: ACETYLTATION
 225 <222> LOCATION: (1)...(0)
 226 <223> OTHER INFORMATION: position 5 is benzylester
 228 <221> NAME/KEY: AMIDATION
 229 <222> LOCATION: (0)...(8)
 231 <223> OTHER INFORMATION: HJ41
 233 <400> SEQUENCE: 14
 234 Val Met Thr Gly Glu Leu Pro Phe
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 238 <210> SEQ ID NO: 15
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 241 <213> ORGANISM: Artificial Sequence
 243 <220> FEATURE:
 244 <221> NAME/KEY: ACETYLTATION
 245 <222> LOCATION: (1)...(0)
 246 <223> OTHER INFORMATION: position 9 is benzylester
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 249 <222> LOCATION: (0)...(0)
 251 <223> OTHER INFORMATION: J42
 253 <400> SEQUENCE: 15
 254 Met Leu Leu Gly Arg Pro Pro Phe Glu
 255 1 5
 258 <210> SEQ ID NO: 16
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 261 <213> ORGANISM: Artificial Sequence
 263 <220> FEATURE:
 264 <221> NAME/KEY: ACETYLTATION
 265 <222> LOCATION: (1)...(0)
 267 <221> NAME/KEY: AMIDATION
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 270 <223> OTHER INFORMATION: J43
 272 <400> SEQUENCE: 16

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Input Set : A:\12421015-009.txt
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 274 1 5
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 280 <213> ORGANISM: Artificial Sequence
 282 <220> FEATURE:
 283 <221> NAME/KEY: ACETYLTATION
 284 <222> LOCATION: (1)...(0)
 285 <223> OTHER INFORMATION: position 9 is benzylester
 287 <221> NAME/KEY: AMIDATION
 288 <222> LOCATION: (0)...(9)
 290 <223> OTHER INFORMATION: J43.1
 292 <400> SEQUENCE: 17
 293 Met Leu Leu Gly Lys Pro Pro Phe Glu
 294 1 5
 297 <210> SEQ ID NO: 18
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 300 <213> ORGANISM: Artificial Sequence
 302 <220> FEATURE:
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 304 <222> LOCATION: (1)...(0)
 305 <223> OTHER INFORMATION: position 7 is benzylester
 307 <221> NAME/KEY: AMIDATION
 308 <222> LOCATION: (0)...(9)
 310 <223> OTHER INFORMATION: J45
 313 <400> SEQUENCE: 18
 314 Leu Gly Arg Pro Pro Phe Glu Thr Ser
 315 1 5
 318 <210> SEQ ID NO: 19
 319 <211> LENGTH: 11
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 324 <221> NAME/KEY: ACETYLTATION
 325 <222> LOCATION: (1)...(0)
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 328 <221> NAME/KEY: AMIDATION
 329 <222> LOCATION: (0)...(11)
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 336 1 5 10
 339 <210> SEQ ID NO: 20
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 341 <212> TYPE: PRT
 342 <213> ORGANISM: Artificial Sequence
 344 <220> FEATURE:

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date